June 2008



DEPARTMENT OF EDUCATION

2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine. gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron

Commissioner of Education

Susan A. Lendron



School Report Grade 3

Test Date: March 2008

Code: 12491713

SAU: MSAD 55

School: Cornish Elementary School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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Summary of Scores	2
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SUMMARY OF SCORES

Test Date: March 2008 3

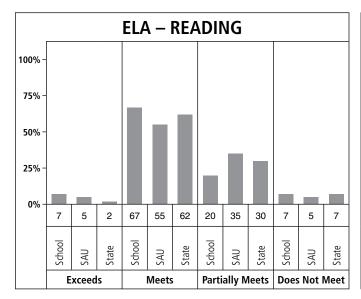
Grade:

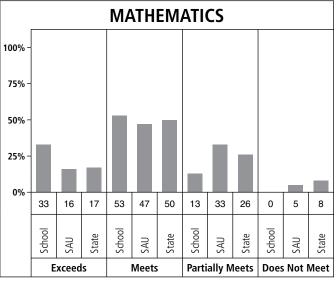
SAU: MSAD 55

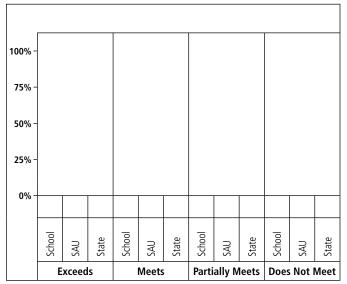
Cornish Elementary School School:

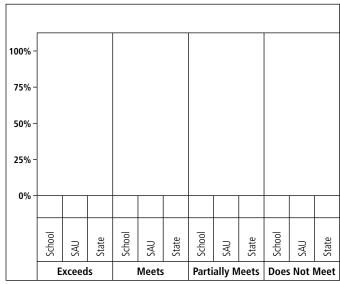
Summary of School, SAU, and State Scores

Year	Avera	age Scaled S	Score
ieai	School	SAU	State
ELA – Reading 2005–2006 2006–2007 2007–2008 Cum. Avg.*	348 346 346 347	345 345 346 345	345 345 344 345
Mathematics 2005–2006 2006–2007 2007–2008 Cum. Avg.*	349 352 355 352	342 346 347 345	344 347 347 346









^{*}Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.



SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008 3

Grade:

SAU: MSAD 55

School: **Cornish Elementary School**

		Er	rol	lme	nt¹								C	ON.	TEI	T	AR	ΕA	PA	RT	ICI	PA	ΓΙΟ	N ²				
CATEGORY OF	c	during	g test	ing v	vindo	w			ELA-I	Readir	g				Mathe	matics	3											
PARTICIPATION	Sc	hool	S	AU	Sta	ate	Sc	hool	S	AU	S	tate	Sch	nool	S	AU	St	ate	Sch	nool	SA	AU	St	ate	Sc	hool	SAU	State
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n %	n %
Total number of students	15	100	84	100	13803	100	15	100	84	100	13714	99	15	100	84	100	13710	99										
Ethnicity African American/Black	0	0	0	0	399	3	0	0	0	0	391	98	0	0	0	0	392	98										
American Indian or Native Alaskan	0	0	1	1	116	1	0	0	1	100	114	99	0	0	1	100	114	99										
Asian or Pacific Islander	0	0	1	1	210	2	0	0	1	100	205	98	0	0	1	100	206	98										
Hispanic	0	0	0	0	162	1	0	0	0	0	158	98	0	0	0	0	159	98										
Caucasian/White	15	100	82	98	12916	94	15	100	82	100	12846	100	15	100	82	100	12839	99										
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Identified disability	3	20	18	21	2358	17	3	100	18	100	2333	99	3	100	18	100	2329	99										
Current LEP	0	0	1	1	371	3	0	0	1	100	357	96	0	0	1	100	361	98										
Economically disadvantaged	8	53	37	44	5584	40	8	100	37	100	5535	99	8	100	37	100	5530	99										
Migrant	0	0	0	0	5	0	0	0	0	0	5	100	0	0	0	0	5	100										

MODE OF		ELA-Readin	g		Mathematic	s						
	School	SAU	State	School	SAU	State	School	SAU	State	School	SAU	State
PARTICIPATION ³	n %	n %	n %	n %	n %	n %	n %	n %	n %	n %	n %	n %
Participation without accommodations	12 80	65 77	10650 77	12 80	65 77	10678 77						
Identified disability (PET/IEP)	1 8	6 9	475 4	1 8	6 9	479 4						
LEP	0 0	0 0	151 1	0 0	0 0	149 1						
504 plan	0 0	1 2	83 1	0 0	1 2	85 1						
Participation with accommodations	3 20	18 21	2936 21	3 20	18 21	2911 21						
Identified disability (PET/IEP)	2 67	11 61	1735 59	2 67	11 61	1729 59						
LEP	0 0	1 6	197 7	0 0	1 6	208 7						
504 plan	0 0	0 0	49 2	0 0	0 0	47 2						
Other	1 33	6 33	986 34	1 33	6 33	958 33						
Participation through alternate assessment (PAAP)	0 0	1 1	123 1	0 0	1 1	121 1						
Identified disability (PET/IEP)	0 0	1 100	123 100	0 0	1 100	121 100						
LEP	0 0	0 0	4 3	0 0	0 0	4 3						
504 plan	0 0	0 0	0 0	0 0	0 0	0 0						
Approved non-participation in reading – 1st year LEP	0 0	0 0	5 0									
Approved non-participation – special consideration	0 0	0 0	9 0	0 0	0 0	12 0						
Non-participation – other	0 0	0 0	80 1	0 0	0 0	81 1						

¹ Percents are the percentage of students enrolled in each participation category.

² Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³ Percents are the percentage of students in each content area by mode.



ELA-READING RESULTS

Test Date: March 2008 3

Grade:

MSAD 55 SAU:

Cornish Elementary School School:

STUDENT	TS AT EACH	ACHIEVEME	NT LEVEL	

ACHIEVEMENT LEVEL DEFINITIONS		Sch	nool	SA	AU	Sta	ite
The quality of a student's work at each achievement level reflects progress in attaining Maine Level Expectations in English language arts – reading.	's Grade	N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 361–380)	2005-2006	1	6	4	4	352	3
	2006-2007	0	0	2	2	332	2
	2007-2008	1	7	4	5	227	2
	Cum. Total*	2	4	10	4	911	2
Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 341–360)	2005-2006	13	76	55	60	8641	62
	2006-2007	18	78	67	68	8691	63
	2007-2008	10	67	46	55	8403	62
	Cum. Total*	41	75	168	62	25735	62
Partially Meets the Standards – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student's ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 331–340)	2005-2006	3	18	28	30	3671	27
	2006-2007	5	22	24	24	3781	27
	2007-2008	3	20	29	35	4018	30
	Cum. Total*	11	20	81	30	11470	28
Does Not Meet the Standards – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 300–330)	2005-2006	0	0	5	5	1163	8
	2006-2007	0	0	5	5	1021	7
	2007-2008	1	7	4	5	938	7
	Cum. Total*	1	2	14	5	3122	8

		nber	A	verage Poir	nts Attaine	d (Number	and Percer	nt)
Learning Results Content Standard Cluster		oints sible	Sch	ool	SA	ΑU	Sta	ite
	N	%	N	%	N	%	N	%
Total Reading Cluster	46	100	29.3	63.7	28.6	62.2	27.6	60.0
Literary Text	23	50	14.4	62.6	14.4	62.6	14.1	61.3
Informational Text	23	50	14.9	64.8	14.2	61.7	13.5	58.7

The Maine Learning Results reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students' reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine's 1997 Learning Results, which can be found at http://www.maine. gov/education/lsalt/gles.htm.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008

Grade: 3

SAU: MSAD 55

School: Cornish Elementary School

*						· nool							SA	U					Sta	ate		
REPORTING										Mean				i		Mean			i			Mean
CATEGORIES	Tested		E		M		P		D	Scaled Score	Tested	Е	М	P	D	Scaled Score	Tested	E	М	Р	D	Scaled
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	15	1	7	10	67	3	20	1	7	346	83	5	55	35	5	346	13586	2	62	30	7	344
Ethnicity African American/Black American Indian or Native Alaskan Asian or Pacific Islander Hispanic Caucasian/White Not Reported	0 0 0 0 15	1	7	10	67	3	20	1	7	346	0 1 1 0 81	5	56	36	4	346	384 113 203 158 12728 0	1 2 1 1 2	42 50 60 52 63	39 42 31 36 29	18 5 8 11 7	339 343 344 342 345
Identified disability Yes No	3 12	1	8	10	83	1	8	0	0	349	17 66	0 6	24 64	65 27	12 3	340 347	2210 11376	0 2	32 68	48 26	20 4	338 346
Current LEP Yes No	0 15	1	7	10	67	3	20	1	7	346	1 82	5	56	35	4	346	348 13238	1 2	36 63	45 29	19 7	339 344
Economically disadvantaged Yes No	8 7	1	13 0	3 7	38 100	3 0	38 0	1 0	13 0	344 349	36 47	6 4	44 64	39 32	11 0	344 347	5450 8136	1 2	49 71	39 23	11 4	341 346
Migrant Yes No	0 15	1	7	10	67	3	20	1	7	346	0 83	5	55	35	5	346	5 13581	0 2	80 62	20 30	0 7	343 344
Gender Female Male Not Reported	9 6 0	1	11 0	6 4	67 67	2	22 17	0 1	0 17	349 343	54 29 0	7 0	57 52	33 38	2 10	347 343	6567 7019 0	3 1	65 59	27 32	5 8	345 343
Title 1A targeted program Yes No	2 13	1	8	8	62	3	23	1	8	347	15 68	0 6	20 63	80 25	0 6	340 347	2004 11582	0 2	37 66	49 26	14 6	339 345
Gifted/talented program Yes No	0 15	1	7	10	67	3	20	1	7	346	1 82	4	56	35	5	345	125 13461	11 2	87 62	2 30	0 7	355 344

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested.

I = Number



ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008

Grade: 3

SAU: MSAD 55

School: **Cornish Elementary School**

					Sch	ool							SA	U					Sta	te		
QUESTIONNAIRE ITEMS	Students in Each Category		E	ı	И		P	ı	D	Mean Scaled Score	Students in Each Category	E	М	Р	D	Mean Scaled Score	Students in Each Category	E	М	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%	-	%	%	%	%	%	1	%	%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	0 100 0	1	7	10	67	3	20	1	7	346	3 73 23 3	0 5 6 0	0 59 61 0	50 33 33 50	50 3 0 50	334 346 347 335	6 79 12 3	0 2 2 0	43 65 60 32	39 28 31 44	18 5 7 24	340 345 344 338
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	27 67 7 0	0 1 0	0 10 0	4 6 0	100 60 0	0 3 0	0 30 0	0 0 1	0 0 100	348 347 330	25 51 18 6	10 5 0	50 63 57 20	40 27 36 60	0 5 7 20	347 347 344 338	29 48 15 8	3 2 1 0	62 67 56 44	28 27 34 40	7 4 9 16	345 345 343 340
Which of the following best describes how you rate yourself as a student in reading? A. very good B. good C. fair D. poor	47 47 0 7	0 1 0	0 14 0	6 4 0	86 57 0	1 1 1	14 14 100	0 1	0 14 0	348 346 338	41 49 9 1	9 3 0	63 54 57 0	22 38 43 100	6 5 0	348 345 346 338	42 46 10 2	3 1 0	67 62 48 30	24 32 42 43	6 5 10 28	346 344 341 336
How hard was the reading part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	13 67 20	0 1 0	0 10 0	1 8 1	50 80 33	1 1 1	50 10 33	0 0 1	0 0 33	344 349 339	34 46 20	0 8 6	56 67 38	41 25 38	4 0 19	345 347 343	22 57 21	1 2 1	48 68 61	38 26 30	12 4 8	341 346 344
How hard were the reading passages on this test? A. Most of the passages were harder than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	14 71 14	0 1 0	0 10 0	0 8 1	0 80 50	1 1 1	50 10 50	1 0 0	50 0 0	334 348 349	23 55 22	0 5 12	28 67 65	61 26 18	11 2 6	340 347 349	20 51 29	0 2 3	38 68 69	47 27 23	16 4 6	339 345 346
How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	20 53 20 7	0 1 0 0	0 13 0 0	3 4 2 1	100 50 67 100	0 3 0	0 38 0 0	0 0 1 0	0 0 33 0	347 345 347 350	20 68 8 5	13 4 0 0	50 59 50 50	31 33 33 50	6 4 17 0	347 346 344 344	19 47 19 14	3 2 1 0	65 68 56 47	27 25 35 40	6 5 8 12	346 346 343 341
How many pages do you read in school and to complete homework assignments? A. five or fewer pages B. six to ten pages C. eleven or more pages	13 27 60	0 0 1	0 0 11	2 2 6	100 50 67	0 1 2	0 25 22	0 1 0	0 25 0	349 340 349	13 28 59	0 0 9	60 68 50	30 23 39	10 9 2	345 345 346	28 23 49	1 1 2	56 63 65	33 29 27	9 7 6	343 344 345
Optional school/SAU question A. B. C. D.	0 100 0 0	0	0	0	0	0	0	1	100	330	50 25 25 0	0 0 0	50 0 0	0 0 0	50 100 100	339 330 330						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards N = Number

Page 6



MATHEMATICS RESULTS

Test Date: March 2008 3

Grade:

SAU: MSAD 55

Cornish Elementary School School:

STUDENTS AT EACH ACHIEVEMENT LEVEL

ACHIEVEMENT LEVEL DEFINITIONS		Sch	nol	S	AU	Sta	ıto.
The quality of a student's work at each achievement level reflects progress in attaining Maine's Level Expectations in mathematics.	s Grade	N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 361–380)	2005-2006	3	18	5	5	1295	9
	2006-2007	2	9	8	8	1985	14
	2007-2008	5	33	13	16	2277	17
	Cum. Total*	10	18	26	10	5557	13
Meets the Standards – The student's work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student's work may contain minor errors. (scaled score 341–360)	2005-2006	10	59	43	47	6852	49
	2006-2007	16	70	53	54	6990	51
	2007-2008	8	53	39	47	6764	50
	Cum. Total*	34	62	135	49	20606	50
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 325–340)	2005-2006	3	18	34	37	4081	29
	2006-2007	5	22	31	32	3673	27
	2007-2008	2	13	27	33	3504	26
	Cum. Total*	10	18	92	34	11258	27
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 300–324)	2005-2006	1	6	10	11	1638	12
	2006-2007	0	0	6	6	1193	9
	2007-2008	0	0	4	5	1044	8
	Cum. Total*	1	2	20	7	3875	9

	1	nber	Avera	ge Point	s Attaine	d (Numbe	r and Pe	rcent)
Learning Results Content Standard Clusters	of Poss	oints sible	Sch	ool	SA	AU	St	ate
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	15	31	11.2	74.7	8.8	58.7	9.2	61.3
Cluster 2: Shape and Size	14	29	10.7	76.4	10.4	74.3	10.0	71.4
Cluster 3: Mathematical Decision Making	5	10	3.7	74.0	3.3	66.0	3.2	64.0
Cluster 4: Patterns	14	29	10.1	72.1	8.8	62.9	9.0	64.3

Cluster 1: Numbers and Operations

- A. Numbers and Number Sense
- B. Computation
- I. Discrete Mathematics (grades 3 and 4 only)

Cluster 2: Shape and Size

- E. Geometry
- F. Measurement

Cluster 3: Mathematical Decision Making

- C. Data Analysis and Statistics
- D. Probability

Cluster 4: Patterns

- G. Patterns, Relations, and Functions
- H. Algebra Concepts
- K. Mathematical Communication

Each content standard in the clusters above is defined in Maine's 1997 Learning Results, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at http://www.maine.gov/education/lsalt/gles.htm.

^{*}Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008

Grade: 3

SAU: MSAD 55

School: Cornish Elementary School

T					\	CON	HINO	יט							Jeno		.01111311					
					Scł	nool							SA	AU					Sta	ate		
REPORTING CATEGORIES	Tested		E		М		P		D	Mean Scaled Score	Tested	E	М	Р	D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	- Score
All Students	15	5	33	8	53	2	13	0	0	355	83	16	47	33	5	347	13589	17	50	26	8	347
Ethnicity African American/Black American Indian or Native Alaskan Asian or Pacific Islander Hispanic Caucasian/White Not Reported	0 0 0 0 15	5	33	8	53	2	13	0	0	355	0 1 1 0 81	16	46	33	5	347	390 113 204 159 12723 0	10 7 18 6 17	30 45 48 50 50	32 38 25 31 25	28 10 9 13 7	337 342 347 342 348
dentified disability /es No	3 12	5	42	6	50	1	8	0	0	358	17 66	6 18	35 50	53 27	6 5	341 349	2208 11381	6 19	35 53	37 24	21 5	338 349
Current LEP Yes No	0 15	5	33	8	53	2	13	0	0	355	1 82	16	46	33	5	347	357 13232	8 17	29 50	37 25	26 7	336 348
Economically disadvantaged Yes No	8 7	1 4	13 57	5 3	63 43	2 0	25 0	0	0	350 360	36 47	11 19	47 47	33 32	8 2	345 349	5452 8137	9 22	45 53	33 21	12 4	343 350
Migrant Yes No	0 15	5	33	8	53	2	13	0	0	355	0 83	16	47	33	5	347	5 13584	0 17	40 50	40 26	20 8	337 347
Gender Female Male Not Reported	9 6 0	3 2	33 33	4 4	44 67	2 0	22 0	0	0	354 356	54 29 0	17 14	43 55	35 28	6 3	346 350	6565 7024 0	15 18	49 50	27 24	8 7	347 348
Fitle 1A targeted program Yes No	2	4	31	7	54	2	15	0	0	354	15 68	13 16	20 53	53 28	13 3	341 348	2004 11585	5 19	39 52	41 23	15 6	339 349
Gifted/talented program Yes No	0 15	5	33	8	53	2	13	0	0	355	1 82	15	48	33	5	347	125 13464	70 16	30 50	0 26	0 8	366 347

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards



MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008

Grade: 3

SAU: MSAD 55

School: Cornish Elementary School

	School										SAU						State					
QUESTIONNAIRE ITEMS	Students in Each Category	h E		М		P		D		Mean Scaled Score	Students in Each E Category	E	М	Р	D	Mean Scaled Score	Students in Each Category	E	М	Р	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%	Jeore	%	%	%	%	%	Jeore	%	%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	0 100 0	5	33	8	53	2	13	0	0	355	3 73 23 3	0 14 28 0	50 47 39 50	50 36 28 0	0 3 6 50	335 347 350 335	6 79 12 3	9 18 16 7	40 52 48 26	33 24 27 37	18 6 8 29	340 348 347 335
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics? A. The questions on the test match what I have learned in mathematics class.	53	3	38	4	50	1	13	0	0	355	34	19	37	41	4	348	37	22	50	22	6	350
Class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	40 7 0	2 0	33 0	4 0	67 0	0	0 100	0	0 0	358 334	52 10 4	17 13 0	49 38 100	27 50 0	7 0 0	347 342 350	46 12 5	16 9 5	53 44 32	25 36 36	6 11 27	348 342 336
Which of the following best describes how you rate yourself as a student in mathematics? A. very good B. good C. fair D. poor	33 67 0	3 2	60 20	1 7	20 70	1 1	20 10	0	0 0	356 354	30 62 8 0	21 12 33	50 43 33	29 37 33	0 8 0	349 345 351	39 46 12 3	25 14 8 2	48 52 49 34	20 27 35 36	7 7 9 29	350 347 343 335
How hard was the mathematics part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	13 73 13	0 5 0	0 45 0	1 5 2	50 45 100	1 1 0	50 9 0	0 0 0	0 0 0	343 357 352	23 58 20	11 24 0	22 48 63	61 22 38	6 7 0	341 350 344	17 59 25	7 18 21	41 53 49	35 24 23	17 5 8	340 349 349
How often do you use hands-on materials in mathematics class? A. almost every day B. two or three days a week C. two or three times each month D. never or almost never	13 60 27 0	0 4 1	0 44 25	1 5 2	50 56 50	1 0 1	50 0 25	0 0 0	0 0 0	350 357 351	24 42 23 11	5 18 22 22	68 36 44 33	21 42 28 33	5 3 6 11	346 346 349 347	32 30 19 18	13 20 20 16	47 52 53 50	30 23 21 27	10 5 6 8	345 349 350 347
How often do you use calculators in mathematics class? A. almost every day B. two or three days a week C. two or three times each month D. never or almost never	0 0 7 93	0 5	0 36	1 7	100 50	0 2	0 14	0	0 0	346 355	3 0 23 75	0 6 20	50 44 45	0 39 33	50 11 2	330 342 349	7 18 28 47	5 15 21 17	34 50 53 50	40 27 21 25	20 8 4 7	338 346 350 347
On average, how many minutes a day do you spend working on mathematics in class? A. less than 30 minutes B. 30–45 minutes C. 45–60 minutes D. more than 60 minutes	7 0 20 73	0 1 4	0 33 36	1 1 6	100 33 55	0 1 1	0 33 9	0 0 0	0 0 0	360 349 356	10 23 41 27	13 17 16 19	50 56 41 38	38 17 41 38	0 11 3 5	347 348 346 346	16 30 32 22	8 14 22 20	42 53 51 49	36 26 22 23	13 7 5 7	342 347 350 349
Optional school/SAU question A. B. C. D.	0 100 0 0	0	0	1	100	0	0	0	0	344	50 25 25 0	0 0 0	100 100 0	0 0 0	0 0 100	348 344 324						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards N = Number

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